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\* \* \* \* \* RECONNECTED TO STN INTERNATIONAL \* \* \* \* \*  
SESSION RESUMED IN FILE 'HCAPLUS' AT 07:48:30 ON 02 JAN 2008  
FILE 'HCAPLUS' ENTERED AT 07:48:30 ON 02 JAN 2008  
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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	3.90	101.34

=> index bioscience

FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	14.66	112.10

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB, DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 07:51:06 ON 02 JAN 2008

69 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view search error messages that display as 0\* with SET DETAIL OFF.

=> s (human growth hormone formulation)

- 1 FILE BIOENG
- 1 FILE BIOSIS
- 10 FILE CAPLUS
- 1 FILE CEABA-VTB
- 17 FILES SEARCHED...
- 2 FILE DDFU
- 23 FILES SEARCHED...
- 2 FILE DRUGU
- 1 FILE EMBASE
- 6 FILE IFIPAT
- 2 FILE IMSDRUGNEWS
- 1 FILE LIFESCI
- 1 FILE MEDLINE
- 47 FILES SEARCHED...
- 1 FILE PHIN
- 6 FILE PROMT
- 1 FILE PROUSDDR
- 1 FILE SCISEARCH
- 27 FILE USPATFULL
- 4 FILE USPAT2
- 66 FILES SEARCHED...
- 2 FILE WPIDS
- 2 FILE WPINDEX

19 FILES HAVE ONE OR MORE ANSWERS, 69 FILES SEARCHED IN STNINDEX

L7 QUE (HUMAN GROWTH HORMONE FORMULATION)

=> s (human growth hormone formulation) and glycine and (non-ionic surfactant) and preservative

11 FILES SEARCHED...  
23 FILES SEARCHED...  
1 FILE IFIPAT  
42 FILES SEARCHED...  
48 FILES SEARCHED...  
11 FILE USPATFULL  
1 FILE USPAT2  
65 FILES SEARCHED...

3 FILES HAVE ONE OR MORE ANSWERS, 69 FILES SEARCHED IN STNINDEX

L8 QUE (HUMAN GROWTH HORMONE FORMULATION) AND GLYCINE AND (NON-IONIC SURFACTANT) AND PRESERVATIVE

=> s (hGH or (human growth hormone))

84 FILE ADISCTI  
48 FILE ADISINSIGHT  
138 FILE ADISNEWS  
163 FILE AGRICOLA  
160 FILE ANABSTR  
19 FILE ANTE  
68 FILE AQUASCI  
427 FILE BIOENG  
9968 FILE BIOSIS  
758 FILE BIOTECHABS  
758 FILE BIOTECHDS  
3261 FILE BIOTECHNO  
853 FILE CABA  
9343 FILE CAPLUS  
322 FILE CEABA-VTB  
708 FILE CIN  
251 FILE CONFSCI  
8 FILE CROPU  
559 FILE DDFB  
21 FILES SEARCHED...  
1533 FILE DDFU  
16729 FILE DGENE  
23 FILES SEARCHED...  
267 FILE DISSABS  
559 FILE DRUGB  
3 FILE DRUGMONOG2  
1698 FILE DRUGU  
26 FILE EMBAL  
10110 FILE EMBASE  
1613 FILE ESBIODASE  
24 FILE FROSTI  
19 FILE FSTA  
780 FILE GENBANK  
10 FILE HEALSAFE  
1691 FILE IFIPAT  
203 FILE IMSDRUGNEWS  
15 FILE IMSPRODUCT  
74 FILE IMSRESEARCH  
2 FILE KOSMET  
1596 FILE LIFESCI  
13530 FILE MEDLINE  
88 FILE NTIS  
6 FILE NUTRACEUT  
15 FILE OCEAN  
2879 FILE PASCAL  
47 FILES SEARCHED...

1 FILE PCTGEN  
 95 FILE PHAR  
 320 FILE PHARMAML  
 2 FILE PHIC  
 1444 FILE PHIN  
 3132 FILE PROMT  
 41 FILE PROUSDDR  
 7339 FILE SCISEARCH  
 3192 FILE TOXCENTER  
 794 FILE USGENE  
 13127 FILE USPATFULL  
 282 FILE USPATOLD  
 1844 FILE USPAT2  
 61 FILE VETU  
 2 FILE WATER  
 1706 FILE WPIDS  
 17 FILE WPIFV  
 1706 FILE WPINDEX

61 FILES HAVE ONE OR MORE ANSWERS, 69 FILES SEARCHED IN STNINDEX

L9 QUE (HGH OR (HUMAN GROWTH HORMONE))

=> s (hGH or (human growth hormone)) (p) glycine (p) surfactant (p) preservative

0\* FILE ADISNEWS  
 0\* FILE ANTE  
 0\* FILE AQUALINE  
 0\* FILE BIOENG  
 0\* FILE BIOTECHABS  
 0\* FILE BIOTECHDS  
 0\* FILE BIOTECHNO  
 2 FILE CAPLUS  
 0\* FILE CEABA-VTB  
 0\* FILE CIN

21 FILES SEARCHED...

23 FILES SEARCHED...

0\* FILE ESBIODBASE  
 0\* FILE FOMAD  
 0\* FILE FOREGE  
 0\* FILE FROSTI  
 0\* FILE FSTA  
 6 FILE IFIPAT  
 0\* FILE KOSMET  
 0\* FILE NTIS  
 0\* FILE NUTRACEUT  
 0\* FILE PASCAL

47 FILES SEARCHED...

0\* FILE PHARMAML  
 9 FILE USPATFULL  
 0\* FILE WATER  
 4 FILE WPIDS  
 4 FILE WPINDEX

5 FILES HAVE ONE OR MORE ANSWERS, 69 FILES SEARCHED IN STNINDEX

L10 QUE (HGH OR (HUMAN GROWTH HORMONE)) (P) GLYCINE (P) SURFACTANT (P) PRESERVATIVE

=> s (hGH or (human growth hormone)) and glycine and surfactant and preservative

5 FILE CAPLUS

22 FILES SEARCHED...

23 FILES SEARCHED...

6 FILE IFIPAT

46 FILES SEARCHED...

1 FILE BIOENG  
 1 FILE BIOSIS  
 10 FILE CAPLUS  
 1 FILE CEABA-VTB  
 2 FILE DDFU  
 2 FILE DRUGU  
 1 FILE EMBASE  
 6 FILE IFIPAT  
 2 FILE IMSDRUGNEWS  
 1 FILE LIFESCI  
 1 FILE MEDLINE  
 1 FILE PHIN  
 6 FILE PROMT  
 1 FILE PROUSDDR  
 1 FILE SCISEARCH  
 27 FILE USPATFULL  
 4 FILE USPAT2  
 2 FILE WPIDS  
 2 FILE WPINDEX

L7 QUE (HUMAN GROWTH HORMONE FORMULATION)

-----  
 SEA (HUMAN GROWTH HORMONE FORMULATION) AND GLYCINE AND (NON-ION  
 -----

1 FILE IFIPAT  
 11 FILE USPATFULL  
 1 FILE USPAT2

L8 QUE (HUMAN GROWTH HORMONE FORMULATION) AND GLYCINE AND (NON-ION

-----  
 SEA (HGH OR (HUMAN GROWTH HORMONE))  
 -----

84 FILE ADISCTI  
 48 FILE ADISINSIGHT  
 138 FILE ADISNEWS  
 163 FILE AGRICOLA  
 160 FILE ANABSTR  
 19 FILE ANTE  
 68 FILE AQUASCI  
 427 FILE BIOENG  
 9968 FILE BIOSIS  
 758 FILE BIOTECHABS  
 758 FILE BIOTECHDS  
 3261 FILE BIOTECHNO  
 853 FILE CABA  
 9343 FILE CAPLUS  
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 708 FILE CIN  
 251 FILE CONFSCI  
 8 FILE CROPU  
 559 FILE DDFB  
 1533 FILE DDFU  
 16729 FILE DGENE  
 267 FILE DISSABS  
 559 FILE DRUGB  
 3 FILE DRUGMONOG2  
 1698 FILE DRUGU  
 26 FILE EMBAL  
 10110 FILE EMBASE  
 1613 FILE ESBIODBASE  
 24 FILE FROSTI  
 19 FILE FSTA  
 780 FILE GENBANK  
 10 FILE HEALSAFE  
 1691 FILE IFIPAT  
 203 FILE IMSDRUGNEWS

15 FILE IMSPRODUCT  
 74 FILE IMSRESEARCH  
 2 FILE KOSMET  
 1596 FILE LIFESCI  
 13530 FILE MEDLINE  
 88 FILE NTIS  
 6 FILE NUTRACEUT  
 15 FILE OCEAN  
 2879 FILE PASCAL  
 1 FILE PCTGEN  
 95 FILE PHAR  
 320 FILE PHARMAML  
 2 FILE PHIC  
 1444 FILE PHIN  
 3132 FILE PROMT  
 41 FILE PROUSDDR  
 7339 FILE SCISEARCH  
 3192 FILE TOXCENTER  
 794 FILE USGENE  
 13127 FILE USPATFULL  
 282 FILE USPATOLD  
 1844 FILE USPAT2  
 61 FILE VETU  
 2 FILE WATER  
 1706 FILE WPIDS  
 17 FILE WPIFV  
 1706 FILE WPINDEX

L9

QUE (HGH OR (HUMAN GROWTH HORMONE))

-----  
 SEA (HGH OR (HUMAN GROWTH HORMONE)) (P) GLYCINE (P) SURFACTANT  
 -----

0\* FILE ADISNEWS  
 0\* FILE ANTE  
 0\* FILE AQUALINE  
 0\* FILE BIOENG  
 0\* FILE BIOTECHABS  
 0\* FILE BIOTECHDS  
 0\* FILE BIOTECHNO  
 2 FILE CAPLUS  
 0\* FILE CEABA-VTB  
 0\* FILE CIN  
 0\* FILE ESBIODASE  
 0\* FILE FOMAD  
 0\* FILE FOREGE  
 0\* FILE FROSTI  
 0\* FILE FSTA  
 6 FILE IFIPAT  
 0\* FILE KOSMET  
 0\* FILE NTIS  
 0\* FILE NUTRACEUT  
 0\* FILE PASCAL  
 0\* FILE PHARMAML  
 9 FILE USPATFULL  
 0\* FILE WATER  
 4 FILE WPIDS  
 4 FILE WPINDEX

L10

QUE (HGH OR (HUMAN GROWTH HORMONE)) (P) GLYCINE (P) SURFACTANT

-----  
 SEA (HGH OR (HUMAN GROWTH HORMONE)) AND GLYCINE AND SURFACTANT  
 -----

5 FILE CAPLUS  
 6 FILE IFIPAT  
 2025 FILE USPATFULL  
 322 FILE USPAT2

L11 5 FILE WPIDS  
5 FILE WPINDEX  
QUE (HGH OR (HUMAN GROWTH HORMONE)) AND GLYCINE AND SURFACTANT  
-----

FILE 'HCAPLUS' ENTERED AT 08:08:50 ON 02 JAN 2008

=> s l11

3820 HGH  
28 HGHS  
3829 HGH  
(HGH OR HGHS)  
1901468 HUMAN  
354045 HUMANS  
2072165 HUMAN  
(HUMAN OR HUMANS)  
1401856 GROWTH  
4604 GROWTHS  
1404186 GROWTH  
(GROWTH OR GROWTHS)  
299006 HORMONE  
219080 HORMONES  
410129 HORMONE  
(HORMONE OR HORMONES)  
8276 HUMAN GROWTH HORMONE  
(HUMAN (W) GROWTH (W) HORMONE)  
163405 GLYCINE  
2375 GLYCINES  
164472 GLYCINE  
(GLYCINE OR GLYCINES)  
198233 SURFACTANT  
177553 SURFACTANTS  
252556 SURFACTANT  
(SURFACTANT OR SURFACTANTS)  
30544 PRESERVATIVE  
33557 PRESERVATIVES  
48788 PRESERVATIVE  
(PRESERVATIVE OR PRESERVATIVES)

L12 5 (HGH OR (HUMAN GROWTH HORMONE)) AND GLYCINE AND SURFACTANT AND  
PRESERVATIVE

=> s l10

3820 HGH  
28 HGHS  
3829 HGH  
(HGH OR HGHS)  
1901468 HUMAN  
354045 HUMANS  
2072165 HUMAN  
(HUMAN OR HUMANS)  
1401856 GROWTH  
4604 GROWTHS  
1404186 GROWTH  
(GROWTH OR GROWTHS)  
299006 HORMONE  
219080 HORMONES  
410129 HORMONE  
(HORMONE OR HORMONES)  
8276 HUMAN GROWTH HORMONE  
(HUMAN (W) GROWTH (W) HORMONE)  
163405 GLYCINE  
2375 GLYCINES  
164472 GLYCINE  
(GLYCINE OR GLYCINES)

198233 SURFACTANT  
177553 SURFACTANTS  
252556 SURFACTANT  
(SURFACTANT OR SURFACTANTS)

30544 PRESERVATIVE  
33557 PRESERVATIVES  
48788 PRESERVATIVE  
(PRESERVATIVE OR PRESERVATIVES)

L13 2 (HGH OR (HUMAN GROWTH HORMONE)) (P) GLYCINE (P) SURFACTANT (P)  
PRESERVATIVE

=> d 113 1-2

L13 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2008 ACS on STN

AN 2004:41321 HCAPLUS

DN 140:99651

TI Liquid formulations with a high concentration of human growth hormone  
(hGH) comprising glycine

IN Betz, Michael; Stevens, John

PA Sandoz G.m.b.H., Austria; Grandis Biotech G.m.b.H.; Sandoz AG

SO PCT Int. Appl., 22 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004004779	A1	20040115	WO 2003-EP7346	20030708
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LT, LU, LV, MA, MD, MK, MN, MW, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SE, SG, SK, SY, TJ, TM, TN, TR, TT, UA, -US, UZ, VC, VN, YU, ZA, ZW				
	RW: AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR				
	CA 2491682	A1	20040115	CA 2003-2491682	20030708
	AU 2003249991	A1	20040123	AU 2003-249991	20030708
	AU 2003249991	B2	20070125		
	EP 1521596	A1	20050413	EP 2003-762660	20030708
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	CN 1665540	A	20050907	CN 2003-816119	20030708
	CN 1665541	A	20050907	CN 2003-816149	20030708
	JP 2005535651	T	20051124	JP 2004-518748	20030708
	IN 2004CN03009	A	20060217	IN 2004-CN3009	20041231
	MX 2005PA00412	A	20050722	MX 2005-PA412	20050107
	US 2007065469	A1	20070322	US 2006-520570	20060816
	AU 2007216686	A1	20070927	AU 2007-216686	20070907
PRAI	US 2002-394611P	P	20020709		
	US 2002-394612P	P	20020709		
	US 2002-394699P	P	20020709		
	AU 2003-249992	A3	20030708		
	WO 2003-EP7346	W	20030708		

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2008 ACS on STN

AN 2002:877258 HCAPLUS

DN 137:342103

TI Crystallization - resistant aqueous growth hormone formulations

IN Siebold, Bernhard; Stevens, John

PA Grandis Biotech G.m.b.H., Germany

SO Brit. UK Pat. Appl., 36 pp.  
CODEN: BAXXDU  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 2371227	A	20020724	GB 2001-658	20010110
	WO 2002067989	A1	20020906	WO 2002-EP114	20020108
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LT, LU, LV, MA, MD, MK, MN, MX, NO, NZ, OM, PH, PL, PT, RO, RU, SE, SG, SI, SK, TJ, TM, TN, TR, TT, UA, US, UZ, VN, YU, ZA, ZW				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
	AU 2002254882	A1	20020912	AU 2002-254882	20020108
PRAI	GB 2001-658	A	20010110		
	WO 2002-EP114	W	20020108		

=> d 112 1-5

L12 ANSWER 1 OF 5 HCAPLUS COPYRIGHT 2008 ACS on STN  
AN 2007:258017 HCAPLUS  
DN 146:323510  
TI Liquid formulations of PEGylated growth hormone  
IN Reslow, Mats  
PA Novo Nordisk A/S, Den.  
SO PCT Int. Appl., 54pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2007025988	A2	20070308	WO 2006-EP65819	20060830
	WO 2007025988	A3	20070503		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA				
PRAI	EP 2005-107917	A	20050830		

L12 ANSWER 2 OF 5 HCAPLUS COPYRIGHT 2008 ACS on STN  
AN 2004:41321 HCAPLUS  
DN 140:99651  
TI Liquid formulations with a high concentration of **human growth hormone (hGH)** comprising **glycine**  
IN Betz, Michael; Stevens, John  
PA Sandoz G.m.b.H., Austria; Grandis Biotech G.m.b.H.; Sandoz AG  
SO PCT Int. Appl., 22 pp.  
CODEN: PIXXD2  
DT Patent  
LA English



FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004004779	A1	20040115	WO 2003-EP7346	20030708
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LT, LU, LV, MA, MD, MK, MN, MW, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SE, SG, SK, SY, TJ, TM, TN, TR, TT, UA, US, UZ, VC, VN, YU, ZA, ZW				
	RW: AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR				
	CA 2491682	A1	20040115	CA 2003-2491682	20030708
	AU 2003249991	A1	20040123	AU 2003-249991	20030708
	AU 2003249991	B2	20070125		
	EP 1521596	A1	20050413	EP 2003-762660	20030708
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	CN 1665540	A	20050907	CN 2003-816119	20030708
	CN 1665541	A	20050907	CN 2003-816149	20030708
	JP 2005535651	T	20051124	JP 2004-518748	20030708
	IN 2004CN03009	A	20060217	IN 2004-CN3009	20041231
	MX 2005PA00412	A	20050722	MX 2005-PA412	20050107
	US 2007065469	A1	20070322	US 2006-520570	20060816
	AU 2007216686	A1	20070927	AU 2007-216686	20070907
PRAI	US 2002-394611P	P	20020709		
	US 2002-394612P	P	20020709		
	US 2002-394699P	P	20020709		
	AU 2003-249992	A3	20030708		
	WO 2003-EP7346	W	20030708		

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 3 OF 5 HCAPLUS COPYRIGHT 2008 ACS on STN

AN 2003:260864 HCAPLUS

DN 138:276278

TI Lipophilic-coated microparticles containing a protein drug

IN Kim, Myung-Jin; Kim, Sun-Jin; Kwon, Kyu-Chan; Kim, Joon

PA S. Korea

SO U.S. Pat. Appl. Publ., 13 pp., Cont.-in-part of U.S. Ser. No. 648,196, abandoned.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2003064105	A1	20030403	US 2002-160784	20020603
	US 2005158392	A1	20050721	US 2004-24362	20041228
PRAI	US 2000-648196	B2	20000825		
	US 2002-160784	A2	20020603		

L12 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2008 ACS on STN

AN 2002:978348 HCAPLUS

DN 138:44739

TI Sustained-release of drugs encapsulated in microparticles of hyaluronic acid

IN Kim, Myung-jin; Kim, Sun-jin; Kwon, Oh-ryong

PA Lg Chemical Ltd., S. Korea

SO U.S. Pat. Appl. Publ., 18 pp., Cont.-in-part of U.S. Ser. No. 596,593.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002197328	A1	20021226	US 2002-205954	20020726
	US 7276251	B2	20071002		
	US 2005100605	A1	20050512	US 2004-13354	20041217
PRAI	KR 1997-12046	A	19970401		
	US 1998-194653	B2	19981130		
	US 2000-596593	A2	20000619		
	US 2002-205954	A1	20020726		

RE.CNT 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 5 OF 5 HCAPLUS COPYRIGHT 2008 ACS on STN

AN 2002:877258 HCAPLUS

DN 137:342103

TI Crystallization - resistant aqueous growth hormone formulations

IN Siebold, Bernhard; Stevens, John

PA Grandis Biotech G.m.b.H., Germany

SO Brit. UK Pat. Appl., 36 pp.

CODEN: BAXXDU

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 2371227	A	20020724	GB 2001-658	20010110
	WO 2002067989	A1	20020906	WO 2002-EP114	20020108
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LT, LU, LV, MA, MD, MK, MN, MX, NO, NZ, OM, PH, PL, PT, RO, RU, SE, SG, SI, SK, TJ, TM, TN, TR, TT, UA, US, UZ, VN, YU, ZA, ZW				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
	AU 2002254882	A1	20020912	AU 2002-254882	20020108
PRAI	GB 2001-658	A	20010110		
	WO 2002-EP114	W	20020108		

	Ref #	Hits	Search Text
1	S1	2	(( "2002067989" ) or ( "7276251" ) ).PN.
2	S2	3	"2002067989"
3	S3	1	"200267989"
4	S4	4	"2003064105"
5	S5	19	"20030064105"
6	S6	1	"10520570"
7	S7	19044	((hGH) or (human growth hormone))
8	S9	111	S7 same (glycine) and (preservative) and (surfactant)
9	S8	9	S7 same (glycine) same (preservative) same (surfactant)
10	S10	71	"5096885"
11	S11	0	"5096885.pn."
12	S12	1	(( "5096885" ) ).PN.
13	S13	7	"9319776"
14	S14	0	"94101395"
15	S15	0	"940101395"
16	S16	1	"94101398"
17	S17	20	"5763394"
18	S18	0	bertz-michael.in.
19	S20	57	stevens-john.in.
20	S19	8	betz-michael.in.

EAST Version